(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 28 October 2004 (28.10.2004)

PCT

(10) International Publication Number WO 2004/091438 A3

C07K 14/00, (51) International Patent Classification⁷: A61K 38/10, 38/16, A61P 27/02

(21) International Application Number:

PCT/US2004/011575

(22) International Filing Date: 15 April 2004 (15.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/462,940 15 April 2003 (15.04.2003)

(71) Applicant (for all designated States except US): FXS VENTURES, LLC [US/US]; 22 Fox Run Lane, Salem, NH 03079 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SMITH, Francis, X. [US/US]; 22 Fox Run Lane, Salem, NH 03079 (US). CRAWFORD, Kathryn, S. [US/US]; 23 Overledge Drive, Derry, NH 03038 (US).
- (74) Agent: BLANK, Christopher, E.; Hiscock & Barclay, LLP, 2000 HSBC Plaza, Rochester, NY 14604-2404 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 24 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVED OPHTHALMIC AND CONTACT LENS SOLUTIONS CONTAINING PEPTIDES AS REPRESENTA-TIVE ENHANCERS

(57) Abstract: A contact lens solution comprising 0.001 to 10 weight percent or a preservative enhancer chosen from the group consisting of: D4E 1, D2A2 1, and P- 113; and at least 0.0001 weight percent of a preservative, and where the concentration of chloride in said solution is less than 0.2 percent by weight.